

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

NOTICE OF PESTICIDE:

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

☒ REGISTRATION
☐ REREISTRATION

EPA REGISTRATION NO.

51036-82

DATE OF ISSUANCE

JUN 3 1987

TERM OF ISSUANCE

Conditional

NAME OF PESTICIDE PRODUCT

Micro-Flo Copper 3FL

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Micro-Flo Company
P.O. Drawer 3648
Lakeland, FL 33802

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/dite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 51036-82."

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c. Delete the statement pertaining to preemergent ground application for cucumbers/melons since this would be a new application for copper oxychloride. Until data required in the Copper Sulfate/Copper II Registration Standards are assessed regarding low end of copper ion, we are not considering expansion of existing uses.

d. Delete "Avoid breathing dust" since this product is a liquid.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE JUN 3 1987

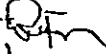
- e. Delete Endangered Species Restrictions. As noted in the Copper II Standard, this issue will be dealt with through a PR Notice to registrants as labeling for various use patterns is developed.
- f. Since dosage ranges are included for all crops, include a general statement indicating when to use high and low rates.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment.

We note that additional oral toxicity testing submitted for this product shows Category III effects. We have incorporated this information in our files, but are not reviewing the study at this time. The MRID Number for this study is 40199301.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Richard F. Mountfort 
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosure

Updated May 1987
(Center Panel)

MICRO-FLO COPPER 3 FL

ACCEPTED
with comments
JUN 3 1987
EPA Reg. No. 51036-IE
EPA Est. No. 51036-GA-1

ACTIVE INGREDIENT:

Copper* (Expressed as Metallic)

INERT INGREDIENTS

TOTAL

100.00%

This product contains 3 pounds of Metallic Copper per gallon.

*Copper Source is Copper Oxychloride

KEEP OUT OF REACH OF CHILDREN

W A R N I N G

A V I S O

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta laya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

IF ON SKIN: Remove contaminated clothes and shoes and immediately wash skin with soap and plenty of water. If irritation develops, see a physician.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

See Side Panels For Additional Precautionary Statements

EPA Reg. No. 51036-IE

EPA Est. No. 51036-GA-1

Manufactured By
MICRO-FLO COMPANY
ROUTE 1 BOX 190
SPARKS, GEORGIA 31647

Net Contents: _____

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PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

WARNING

Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield, or safety glasses. Harmful if swallowed or inhaled. Avoid breathing ~~dust~~ or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not allow rinsate from cleaning of equipment or disposed material to enter surface or ground water.

ENDANGERED SPECIES RESTRICTIONS

The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of federal laws. The use of this product is controlled to prevent death or harm to endangered or threatened species that occur in the following counties or elsewhere in their range.

Before using this pesticide in the following counties you must obtain the EPA Cropland Endangered Species Bulletin. The use of this pesticide is prohibited in these counties unless specified otherwise in the Bulletin. The EPA Bulletin is available from either your County Agricultural Extension Agent, the Endangered Species Specialist in your State Wildlife Agency Headquarters or the appropriate Regional Office of either the U.S. Fish and Wildlife Service (FWS) or the U.S. Environmental Protection Agency (EPA). THIS BULLETIN MUST BE REVIEW PRIOR TO PESTICIDE USE.

STATE (Regional office FWS) Species	COUNTY
ALABAMA (Atlanta, GA.0 Slackwater darter — Freshwater mussels	Lauderdale, Madison, Limestone Colbert, Jackson, Marshall, Morgan
ARIZONA (Albuquerque, N.M.) Woundfin chub Bonytail chub	Mohave Mohave
ARKANSAS (Atlanta, GA) Freshwater mussels	Clay, Clark, Cross, Lawrence, Randolph, Sharp, St. Francis

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Ozark cavefish

Leopard darter

CALIFORNIA (Portland, OR.)

Santa Cruz long-toed salamander

Unarmored three-spine stickleback

COLORADO (Denver, CO.)

Colorado squawfish

Humpback chub

FLORIDA (Atlanta, GA.)

Everglade Kite

KENTUCKY (Atlanta, GA.)

Freshwater mussels

MARYLAND (Newton Corners, MA.)

Maryland darter

MISSOURI (Twin Cities, MN.)

Ozark cavefish

NEVADA (Portland, OR.)

Woundfin

NEW MEXICO (Albuquerque, N.M.)

Pecos gambusia

NORTH CAROLINA (Atlanta, GA.)

Spotfin chub

OKLAHOMA (Albuquerque, N.M.)

Leopard darter

Ozark cavefish

TENNESSEE (Atlanta, GA.)

Slackwater darter

Slender chub

Spotfin chub

Benton

Pala

Monterey, Santa Cruz

Los Angeles, Santa Barbara

Bianco, Delta, Garfield,
Mesa, Moffat, Rio, Routt

Mesa

Broward, Dade, Glades,
Palm Beach

Ballard, Edmundson,
Jackson, Laurel, Marshall,
McCracken, Pulaski,
Rockcastle, Warren, Wayne

Harford

Christian, Greene, Jasper,
Lawrence, Newton, Farry,
Stone

Clark

Chaves, Eddy

Macon, Swain

McCurtain, Pushmataha

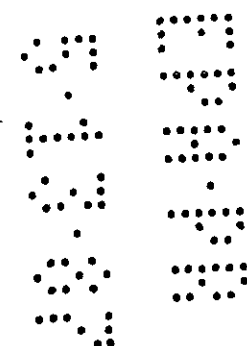
Delaware

Lawrence, Wayne

Claiborne, Hancock

Cumberland, Fentress,

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Freshwater mussels	Morgan
	Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Lincoln, Loudon, Marshall, Maury, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan
Yellowfin madtom	Claiborne, Hancock
TEXAS (Albuquerque, N.M.): Pecos gambusia	Aransas, Jeff Davis, Pecos, Goliad, Reeves
UTAH (Denver, CO.): Roundfin	Washington
Humpback chub	Grand
Snowtail chub	Grand
Colorado squawfish	Carbon, Duchesne, Emery, Garfield, Grand, Kane, San Juan, Uintah, Wayne
VIRGINIA (Newton Corners, MA): Spotfin chub	Scott, Washington
Freshwater mussels	Lee, Russell, Scott, Smyth, Tazewell, Washington, Wise
Yellowfin madtom	Lee, Russell, Scott

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

RE-ENTRY ✓

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

7009

Written or oral warning, or label given to workers who are expected to be in a treated area in which any insecticide is being treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information. WARNING: Area treated with Copper on (date of application). Do not enter without appropriate protective clothing until sprays have dried. See Statement of Practical Treatment and Precautionary Statements for actions to be taken in case of accidental exposure.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Completely empty bag with application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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(Right Panel)

MIXING DIRECTIONS AND RECOMMENDATIONS

Fill the spray tank approximately 1/2 full of water and with agitator running, add the required amount of Copper. Add water to fill the spray tank 3/4 full and when a spreader sticker is recommended, add the recommended amounts. Fill the spray tank and keep agitator running until spraying is completed.

FRUITS

CITRUS (Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangeloes): For Melanose, Scab, Greasy Spot - Use 1/4 to 1/2 gallons per 100 gallons water by dilute spray. With aerial or concentrate sprayers apply 1 2/3 to 4 1/3 gallons per acre diluted to the proper concentration with water as recommended for the specific type sprayer used. Do not use less than 10 gallons of spray per acre. For Scab control make two applications, one just before trees begin to flush and repeat at 2/3 petal fall. For Melanose control apply 1 to 3 weeks after petal fall. Repeat 4 weeks later if necessary. For Greasy Spot make a summer spray about July 15. Sulfur may be included in sprays in Melanose and Scab. **CAUTION:** Do not apply in areas where copper injury is known to occur.

PEACHES: Leaf curl - Dilute spray - Use 2/3 to 4/5 gallon per 100 gallons water. Concentrate spray - Use 2 to 3 gallons per acre in 25 to 50 gallons water per acre. As a dormant spray for Leaf Curl apply November 15 to December 15 before fall rains begin. **NOTE:** To control Leaf Curl application must be made before the foliage buds swell. Consult your State Agricultural Experiment Station. California only: For Leaf curl control - 2 2/3 to 3 1/3 gallons in 20 gallons water may be applied by aircraft to one acre during the dormant season.

VEGETABLE CROPS

MIXING INSTRUCTIONS: Mix recommended amount of Micro Flo Copper 3 FL given for one acre in sufficient water for good coverage. With dilute ground sprayer, generally apply 100 to 150 gallons spray per acre. With concentrate sprayer generally apply 20 to 50 gallons spray per acre. With aerial sprayers generally apply 5 to 10 gallons spray per acre, but do not apply less than 5 gallons spray mixture per acre. Consult the manufacturer for recommended water volumes—per acre for a given sprayer.

SUGAR BEETS: Cercospora Leaf Spot - Use 2/3 gallon per acre. Begin when disease first appears and repeat every 7 to 10 days.

CARROTS: Cercospora Leaf Spot - Use 1/2 to 2/3 gallon per acre. Begin treatment when disease first appears and repeat at 7 to 10 day intervals.

CELERY: Early Blight (Cercospora) and Late Blight (Septoria): Use 1/2 to 2/3 gallon per acre. Treat every 7 days after emergence.

CUCUMBERS, MELONS: Angular Leaf Spot, Anthracnose, Downy Mildew, Scab - Use 1/4 to 1/3 gallon per acre. Begin treatment when plants begin to vine and repeat every 7 to 10 days. Since the disease is likely to be more serious in high plant populations (40,000 or more plants per acre) spray every 3 to 4 days

to protect fruit at all stages of development. NOTE: A ground application after planting, but before emergence, may help decrease infections of Angular Leaf Spot and Anthracnose. Then follow above schedule after emergence. Consult your local Experiment Station for specific recommendations.

POTATOES: Early and Late Blight - Use 1/2 to 1 gallon per acre. Begin when plants emerge and repeat at 7 to 10 day intervals.

TOMATOES: Bacterial Spot, Early and Late Blight, Septoria, and Leaf Spot - Use 1/3 to 2/3 gallon per acre. Begin in seedbed or field before disease appears. Repeat at 7 to 10 day intervals.

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed. THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL. Read all directions carefully.

